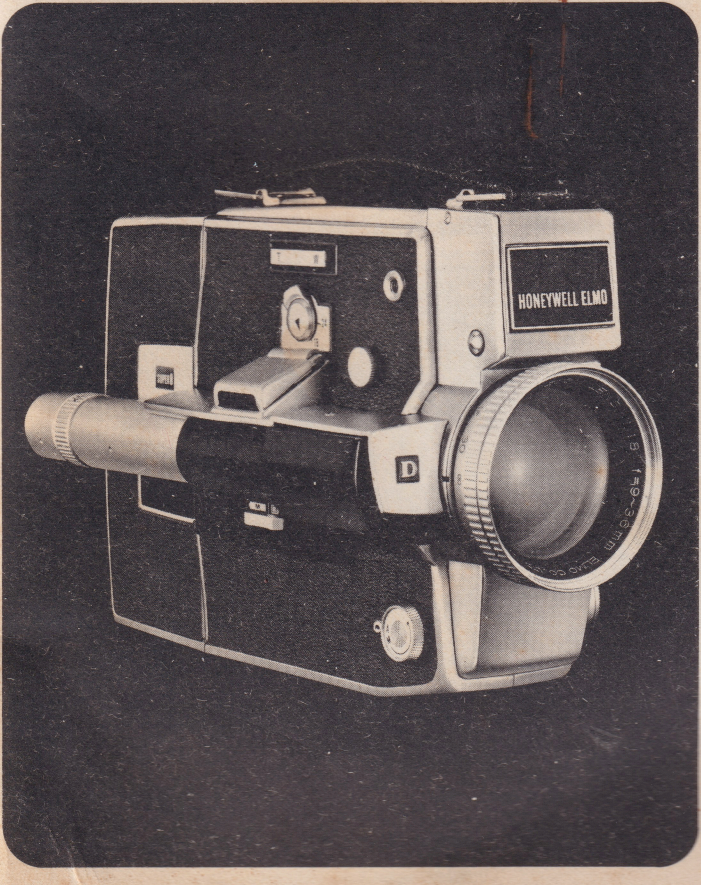
HONEYWELL ELMO
D

how to use your Honeywell Elmo Dual-Filmatic or Tri-Filmatic 8mm Zoom motion picture camera

Open this flap of your instruction booklet. Keep it open as you read through the instructions. This will allow quick reference to the working parts of your new Dual-or Tri-Filmatic camera. Familiarity with these parts will assure success with your very first roll of film.

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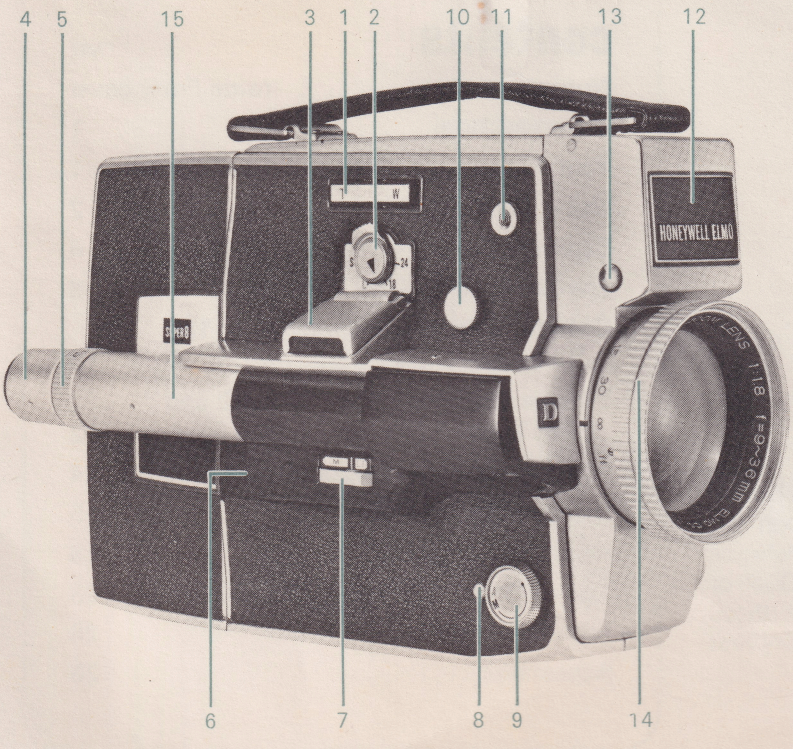
4
5
15
3
1
2
10
11
13
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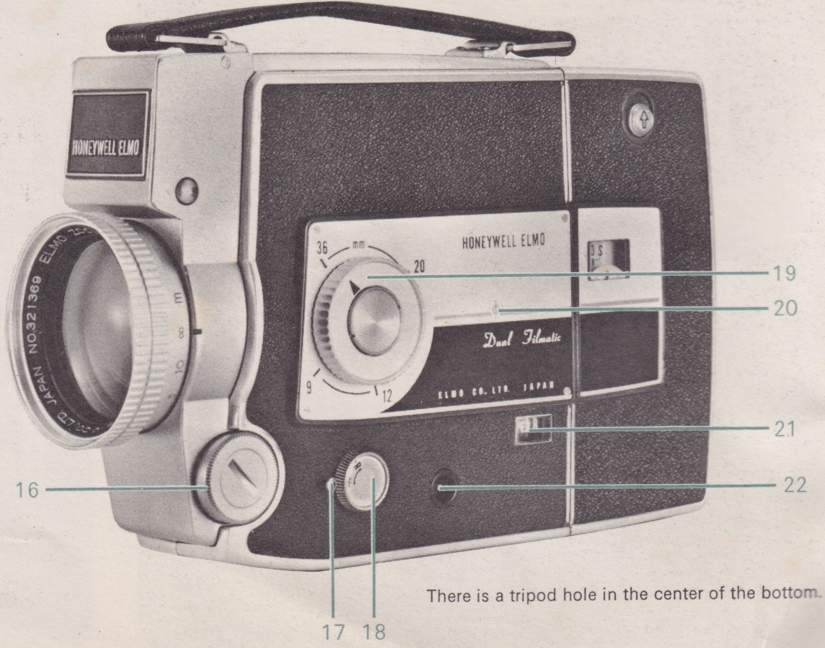
T
W
S
24
18
HONEYWELL ELMO
SUPER8
D
ZOOM LENS 1:1.8 f=9~36mm
ELMO CO.
30
8
6
7
8
9
14

RIGHT SIDE

1. Power Zoom Control
2. Camera Speed Control
3. Start Button Cover
4. Eyesight Adjustment Ring
5. Eyesight Adjustment Lock Ring
6. Battery Test Meter
7. Battery Test Button
8. Automatic-Manual Exposure Control Lock
9. Automatic-Manual Exposure Control
10. Built-in Filter Screw
11. Accessory Socket
12. Battery Compartment
13. Battery Compartment Button
14. Focusing Ring
15. Reflex Viewfinder Barrel

nomenclature: Dual-Filmatic/ Tri-Filmatic

16. Exposure Meter Battery Compartment
17. Forward-Reverse Control Lock
18. Forward-Reverse Control
19. Manual ZOOM Control
20. Film Plane Reference Mark
21. Film Format Indicator Window
22. Remote Connector Receptacle


HONEYWELL ELMO
HONEYWELL ELMO
Dual Filmatic
ELMO CO., LTD. JAPAN
36
mm
20
9
12
19
20
21
22
16
17
18

There is a tripod hole in the center of the bottom.

LEFT SIDE

IMPORTANT

The Dual-Filmatic and Tri-Filmatic cameras are identical with two major exceptions.

1. The Tri-Filmatic will accept **all three** 8mm film formats: Super 8, Single 8, Regular 8. The Dual-Filmatic will accept **two** 8mm film formats: Super 8 and Single 8.
2. The Tri-Filmatic has a special square reticle [ ] in its viewfinder to show the maximum field of view when shooting with Regular 8mm film.

   The Dual-Filmatic, which does not accept Regular 8, does not need the special square reticle in its viewfinder.

The instructions in this manual apply to both the Dual-Filmatic and Tri-Filmatic except where indicated.

YOUR FILMATIC IS A MULTIPLE-FORMAT CAMERA

Your new Dual-Filmatic or Tri-Filmatic will accept both Super 8 and Single 8 film cartridges. Super 8 and Single 8 both offer a 50% larger picture area than the Regular 8 format. Both films are available in the U.S. in color emulsions.

The Tri-Filmatic also accepts Regular 8 roll film in 25 foot spools. Regular 8 is available in color or black and white.

Both cameras are supplied with the Super 8 magazine as standard. In addition, the Tri-Filmatic can be purchased with a Regular 8 magazine as standard instead of the Super 8 magazine. Your Honeywell Elmo dealer will be glad to show you the additional Single 8 magazine which fits both cameras. All three magazines are available as separate accessories.

using Super 8 Film* in the Dual- and Tri-Filmatic

MAGAZINE INSTALLATION AND REMOVAL

1. Your Filmatic can be supplied with a Super 8 magazine as standard. This magazine is removable so that other magazines for Single 8 or (if you have a Tri-Filmatic) Regular 8 can be installed. See pages 15-22 for Single 8, Regular 8 loading instructions.

2. Before loading, you should be familiar with Super 8 magazine removal and installation.

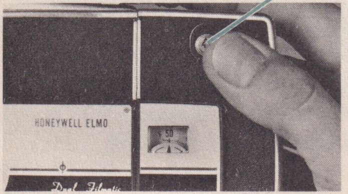
3. To remove the Super 8 magazine, unlock the magazine cover by pushing up the button with the arrow.

4. Squeeze the two levers as shown in the photo.

5. Remove the magazine from the back of the camera.

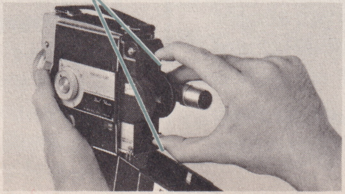
6. Replace the magazine in the camera and close the cover.

Button to open Super-8 magazine

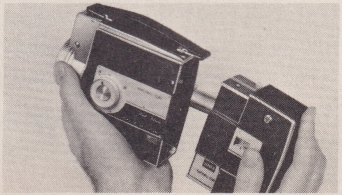


Step 3 Film counter

Lock lever

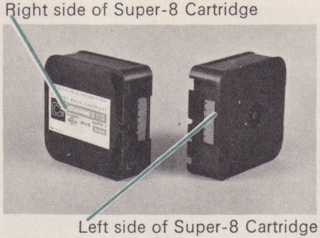


Step 4



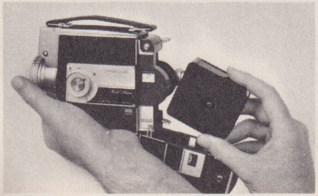
Step 6

*See pages 15-22 for usage instructions on Single 8 and Regular 8.


Right side of Super-8 Cartridge
Left side of Super-8 Cartridge

LOADING THE SUPER 8 MAGAZINE

1. Super 8 film cartridges will fit only in the magazine labeled Super 8.
2. The magazine should be in the camera before loading.
3. Unlock the magazine cover by pushing up on the button with the arrow.
4. Insert the plastic Super 8 film cartridge in the magazine. Do not attempt to open the Super 8 film cartridge or all the film will be ruined.
5. Close the magazine cover and your camera is loaded.

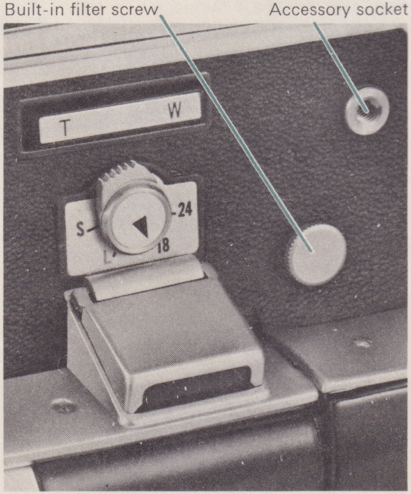


Step 4

SHOOTING WITH SUPER 8

1. Super 8 film cartridges are currently available for Kodachrome II Type A (indoor) film. Since this is an indoor film, a #85 filter is needed if you use Super 8 outdoors.

2. Your Filmatic has a built-in #85 filter, which is automatically positioned in front of the film when a Super 8 cartridge is inserted. This enables you to use Super 8 Type A film outdoors. If you use Super 8 indoors, you must move the filter away from the film. To move the filter, unscrew the filter screw from the accessory socket, where it should normally be. Then place it in the threaded hole below the accessory socket as shown in the photo and turn it all the way in. This action moves the filter away. You can check whether the filter is in place by looking through the viewfinder. An image with an overall yellowish cast means the filter is in front of the film. Be sure to return the filter screw to the accessory socket when you move back outdoors for filming.

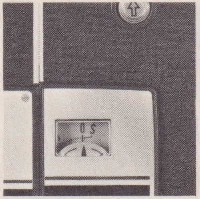


Step 2 Turn filter screw all the way in to move #85 filter

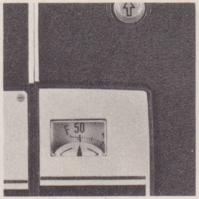
3. Before you start taking pictures, depress the Start Button and watch the Footage Counter window. Run the camera until the scale moves from S to O. Then start filming.

4. Glance at the Footage Counter during filming. When the scale reaches F, the film will stop running even though the motor continues to run. The sudden difference in sound will help you recognize that the film is fully exposed.

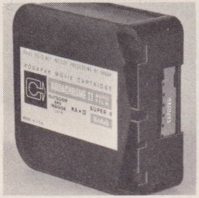
5. Remove the film cartridge. Make sure the word "Exposed" appears on the film. It confirms the fact it's time to change cartridges.



Step 3



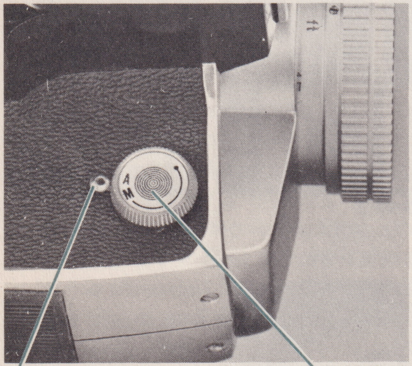
Step 4



Step 5

the A-M knob—automatic or manual exposure control

USING AUTOMATIC CONTROL



A-M Exposure Control Lock

A-M Knob

Automatic Control

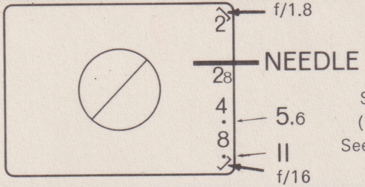
1. The automatic exposure metering system is regulated by a CdS cell behind the lens. An indicator scale in the viewfinder helps you to observe the action of the metering system.

2. The exposure metering system is turned on when you lift the start button cover. To save the meter battery, keep the cover closed when you're not actually shooting.

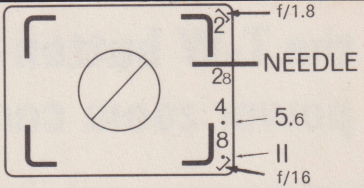
3. During filming on automatic meter control, observe the indicator scale in the viewfinder. If the needle goes off the top of the scale, don't shoot because there's not enough light. If the needle goes off the bottom of the scale, there's too much light. In this case a Honeywell Elmo ND x 4 filter can be used to cut down the amount of light.

Your Filmatic has a precise through-the-lens exposure metering system which can be set for automatic or manual operation by turning the A-M Knob to A (Automatic) or M (Manual).

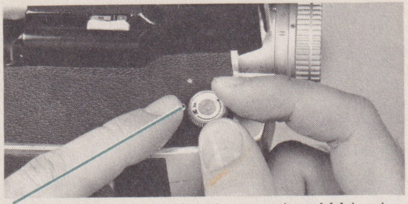
Dual-Filmatic Exposure Scale
and Indicator Needle



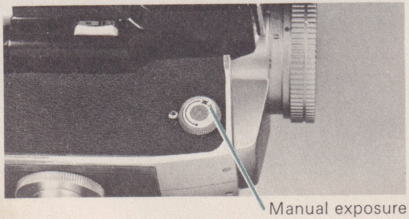
Tri-Filmatic Exposure
Scale and Indicator Needle
(Note the square reticle [ ]
See page 00 for explanation.)



USING MANUAL CONTROL



Depress the lock button when turning AM knob
Change to manual control



Manual control

1. If you prefer to use manual exposure control because of special effects you may want to create, or because of back-lighted scenes which can affect the automatic mode, you should turn the A-M knob to M.

2. Push down the Automatic Exposure Control Lock and turn the A-M knob from the red A to the black M.

3. Decide the f/stop you need, lift the start button cover, sight through the viewfinder and turn the A-M knob until the needle points to the desired f/stop. Start shooting.

the T-W button—power zoom control

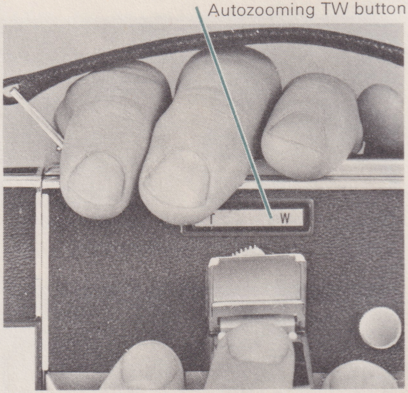
POWER ZOOM

1. Note the button that reads T-W. That's the one that makes the zoom lens work.

2. Push the T side and the lens will move to the telephoto position (36mm). By pushing the T side, you zoom in to your subject.

3. While the lens is in the telephoto (36mm) position, focus the viewfinder image by turning the focusing ring so that the image in the two halves of the small split/image circle is perfectly aligned.

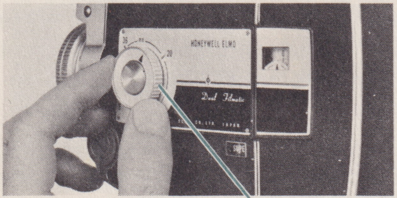
4. Now push the W side of the T-W button. The zoom lens will move to the wide angle position (9mm). The complete zoom cycle from 9 to 36mm or vice versa takes 5 seconds.



Steps 1 and 2 Power Zoom

The f/1.8 9 to 36mm zoom lens on your Filmatic can be controlled either electrically or manually. During a zoom shot the lens will stay in sharp focus so there is no need to refocus as you zoom, unless you physically move away from or closer to your subject.

MANUAL ZOOM

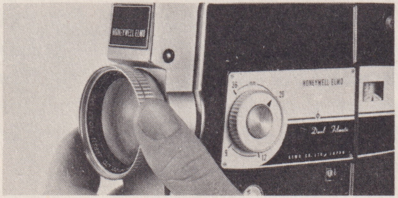


Step 1 Manual Zoom

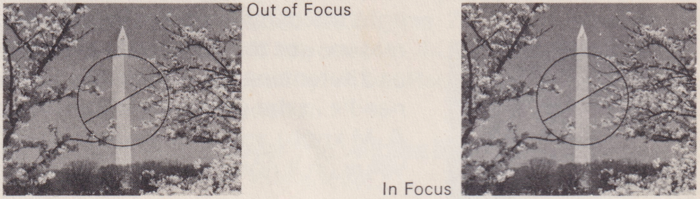
Manual zoom dial

1. You can operate the zoom lens manually by turning the Manual Zoom Control knob.

2. Manual zoom control on the Filmatic enables you to make fast zoom shots and pre-select focal length for good composition on close-up, medium or long shots. To avoid excessive camera movement, be sure to put your Filmatic on a sturdy tripod when zooming manually.



Step 3 Focusing the Zoom Lens

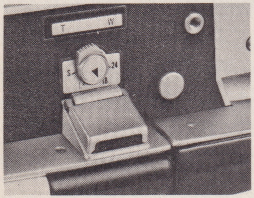


Out of Focus

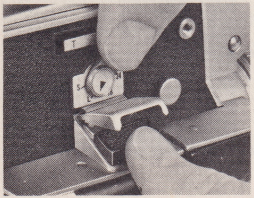
In Focus

Step 3

the S, L, 18, 24 lever— camera speed control and cable release



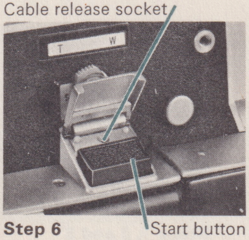
Step 1



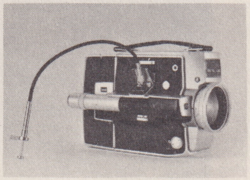
Step 3

1. The Camera Speed Control has four settings: S, L, 18, 24. S means single frame, L means lock, 18 means 18 frames per second, and 24 means 24 frames per second. Change of camera speed automatically resets the automatic exposure control for proper exposure.

2. The S (single frame) setting permits you to shoot one frame at a time. The cable release is strongly recommended when shooting single frames (see step 6). You can make animated films with this setting. Shutter speed at this setting is approximately 1/20 second. During single frame shooting, light intensity is approximately doubled under normal conditions. For this reason, use the automatic exposure control mode ("A" on the A-M knob) and determine the proper lens setting by reading the value from the indicator needle in the viewfinder. Then set to the manual control mode ("M" on the A-M knob) and stop the lens down one f/stop. For example, if the indicated value on automatic control is f/5.6, set the manual control to f/8.



Step 6



3. The L (Lock) setting locks the start button in "off" position so that the camera cannot be started accidentally. The L setting also locks the start button in "on" position for continuous run filming. To lock "on," depress the start button and hold it down while turning the speed control to "L."

4. The 18 setting is 18 frames per second which is world standard for silent Regular 8, Super 8 and Single 8mm films. Most of your filming will be at this speed. Shutter speed is approximately 1/40 second.

5. The 24 setting is 24 frames per second. When you're filming from fast moving vehicles or making panoramic shots, use 24 fps. It steadies the image. Also, if you plan to add sound to your film, ALWAYS shoot at 24 fps. If you shoot at 18 fps, the sound quality will suffer greatly. Shutter speed at 24 fps is approximately 1/60 second.

6. When you lift the Start Button cover you will see the cable release socket. Any standard cable release will fit this socket.

Filmatic batteries—how to install and test them

INSTALLATION

1. There are 5 batteries in your Filmatic. Four of them are AA alkaline batteries (Eveready E91, Mallory Mn 1500 or equivalent). The other one is a mercury battery (Mallory PX-25) or (Toshiba 3.9v).

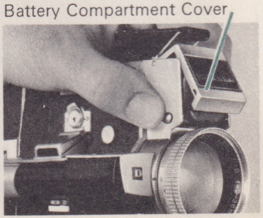
2. The four AA alkaline batteries drive the camera motor and zoom lens. They fit a special plastic dry cell case supplied with the camera. The mercury battery supplied with the camera powers the exposure meter system. It should last 1 to 2 years, if you turn it off when not in use by closing the Start Button cover.

3. Correct polarity (positive & negative) is vital when installing all 5 batteries. The four AA alkaline batteries are installed exactly as indicated by the battery drawings on the sides of the dry cell case. The mercury battery is installed in its compartment with the positive side (+) out.

4. To install the dry cell case with the four AA alkaline batteries, push the battery compartment buttons to open the compartment. Slide the dry cell case in. The case will go in only one way – with the notch on the bottom and locking cover with two contacts in first. Then close the compartment cover.

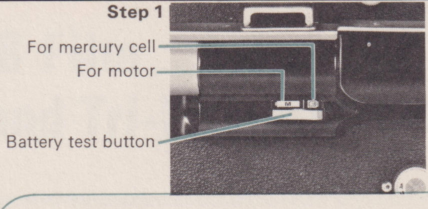
5. To install the mercury battery, unscrew the cap on the Exposure Meter Battery Compartment, put the battery in plus (+) side out and replace the cap.

Steps 1, 2 and 3

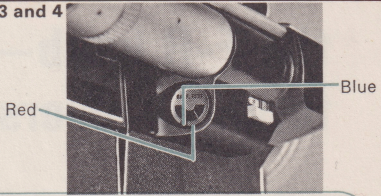


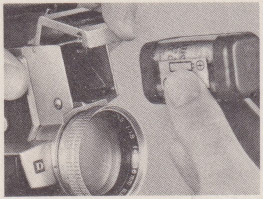
Step 4

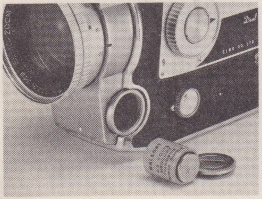
Step 1



Steps 2, 3 and 4







Step 5

TESTING

The test button is labeled "M-E". Be sure the batteries are properly installed before testing and the magazine is in the camera.

2. Push the "M" side on the button and look at the meter window underneath the reflex viewfinder barrel.

3. If the meter needle moves into the blue block, the condition of the four AA alkaline batteries which drive the camera motor and zoom lens is good. If the needle doesn't move at all, take the dry cell case out of the battery compartment and check battery position for proper polarity. If the needle moves but stays in the red block, replace the batteries.

4. Now push the "E" side of the M-E button. The meter needle should once again move to the blue block. If the needle does not move, check battery polarity. The plus (+) side should be out. If the needle moves but stays in the red block, replace the battery.

5. Get into the habit of checking the batteries. It's good insurance that you'll be fully prepared for the next shooting session.

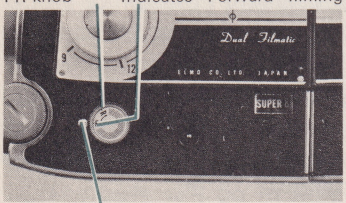
the F-R knob— forward-reverse control

1. This control can be used **only** for Single 8 (Fuji film) and Regular 8. Do not try to run the camera in reverse when using Super 8 (Kodak). The motor will not run.

2. With Regular 8 or **Single 8** (Fuji film) you can reverse the camera motor by depressing the Forward-Reverse Control Lock and turning the Forward-Reverse Control knob (F-R knob) to "R".

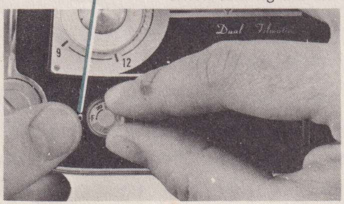
FR knob

Indicates "Forward" filming


9
12
Dual Filmatic
ELMO CO. LTD. JAPAN
SUPER 8

Step 1 FR control lock

First, depress the control lock when turning the dial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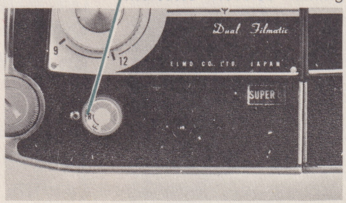
Dual Filmatic
F

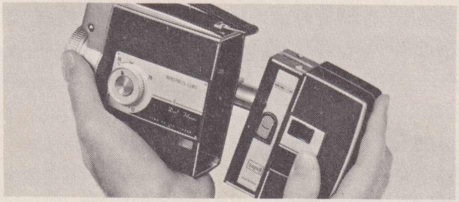
Step 2

Indicates "Reverse" filming

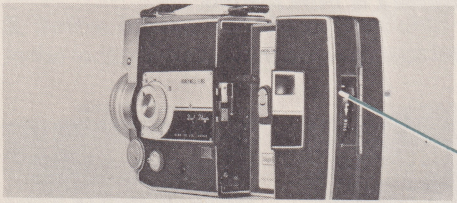

9
12
Dual Filmatic
ELMO CO. LTD. JAPAN
SUPER 8
R

using Single 8 Film in the Dual- and Tri-Filmatic

INSTALLING AND REMOVING SINGLE 8 MAGAZINES



Step 3



Step 4

When detaching the magazine from the camera body, this lever must be moved to the left and pulled down.

1. In addition to Super 8, your Dual- and Tri-Filmatic will accept accessory Single 8 film magazines.

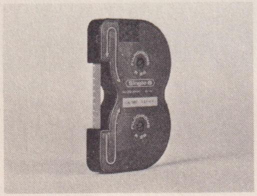
2. To install the Single 8 magazine, first remove the Super 8 magazine (see page 2).

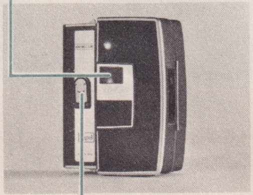
3. Then insert the Single 8 magazine in the back of the camera body and push in until it locks.

4. To remove the magazine, push down on the lever in the rear marked "Open". Then, while holding the lever down, pull out the magazine.

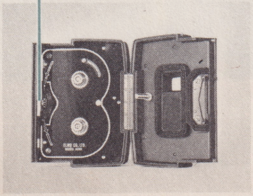
LOADING THE SINGLE 8 MAGAZINE

1. Single 8 is loaded in a special plastic cartridge. Please do not attempt to open this cartridge or you will expose all the film.
2. Single 8 film cartridges will fit only in the Filmatic magazine labeled "Single 8." This magazine is available as an extra accessory from your Honeywell Elmo dealer.
3. Unfold Magazine Cover Lock, turn it counterclockwise and open the magazine.
4. Insert the Single 8 film cartridge, pushing the film over the front gate as indicated by the small arrow.
5. Close and lock the Single 8 magazine.
6. Insert the magazine into the rear of your camera and push to lock.
7. Your camera is now loaded.

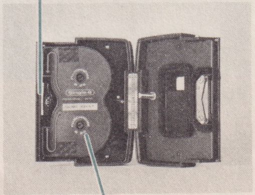

Step 1


Window indicating what type of film is in the camera

Step 3 Magazine cover lock of Single-8 Magazine


Front gate

Step 4


Front gate

Step 4 Single-8 cartridge

SHOOTING WITH SINGLE 8

1. When you load a Single 8 magazine into your Filmatic, the exposure control system is set automatically to the correct film speed.

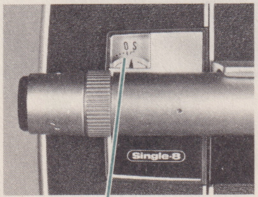
2. Since Single 8 is daylight film, the built-in Type 85 filter does **not** drop in place. If you are shooting Single 8 indoors, you must use an external Honeywell Elmo 80B filter available from your dealer.

3. Before filming, run the camera until the scale in the footage counter window moves from S to O.

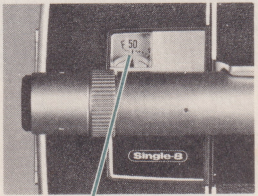
4. If you have to remove the Single 8 cartridge during filming, only about 5" of film will be lost from exposure to light.

5. At the end of the film run, the film will stop moving and the motor sound will change. As the film runs out, the scale in the footage counter window will read 50, then F.

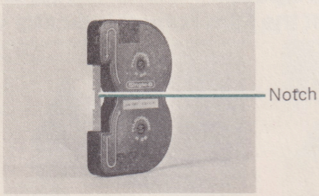
6. When the scale reaches F, open the magazine and check to be sure that all the film has run through the cartridge. You should see a notch in the film which means it has all been exposed.



Step 3 When starting the film counter



Step 5 Upon completion of entire footage



Step 6 Exposed Single-8 cartridge

using Regular (double) 8 Film in the Tri-Filmatic

MAGAZINE INSTALLATION AND REMOVAL

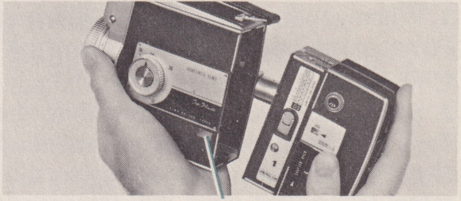
1. The accessory Regular 8 magazine will fit only in the Tri-Filmatic.

2. First remove the Super 8 or Single 8 magazine installed in the camera.

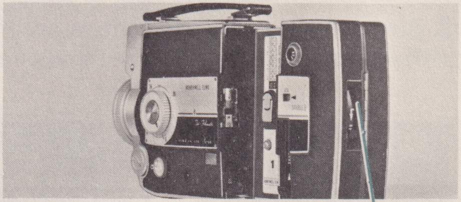
3. Insert the Regular 8 magazine in the camera and push until it locks.

4. Note the Film Format Indicator Window. It should read "1." If it reads "2," the magazine is in upside down.

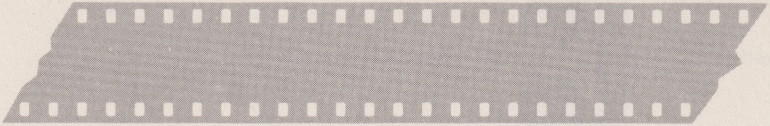
5. Remove the magazine by pushing down on the lever in the rear marked "Open." Then while holding the lever down, pull out the magazine. Now turn it right side up and re-insert it so that the Film Format Indicator window reads "1."



Steps 3 and 4



Step 5



Actual size of double-8 film

LOADING THE REGULAR 8 MAGAZINE

1. Regular 8 film is supplied in rolls of 25 feet, 16mm wide. One-half (8mm) of the 25 feet is exposed, then the other half (8mm). When processed, the film is slit in half and the two 25 foot pieces are spliced together resulting in 50 feet of 8mm film.

2. Regular 8 roll film will fit only in the Filmatic magazine labeled "Double" or "Regular" 8. This magazine is available as an extra accessory from your Honeywell Dealer. **The Regular 8 magazine will not fit the Dual-Filmatic.** DO NOT TRY TO FORCE IT IN.

3. Unfold Magazine Cover Lock, turn it counter-clockwise, and open the magazine.

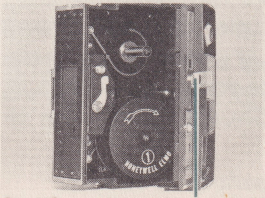
4. Remove the empty Honeywell Elmo spool.

5. Open the film gate with the pressure lever.

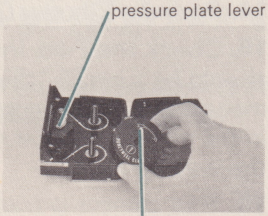
6. Put the new roll of film on the top spool and pull out about 10 inches of film leader.

7. Thread the film down through the gate as indicated by the white line and arrows.

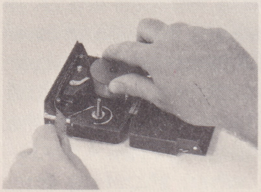
8. Insert the film end into the slot in the Honeywell Elmo spool and wind three turns of film on the spool in the direction of the arrow.



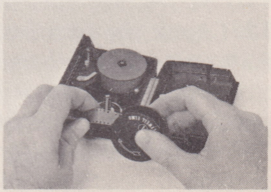
Step 3



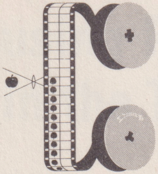
Steps 4 and 5



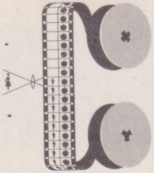
Steps 6 and 7



Steps 8 and 9

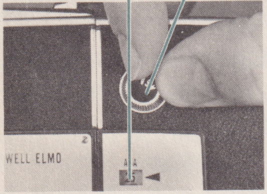


1st half (0-25') is exposed

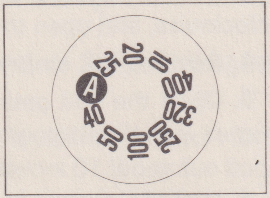


2nd half (25'-50') is exposed

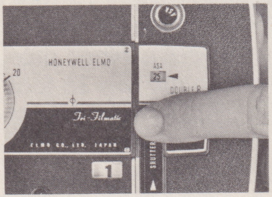
Step 12


ASA indicating window
ASA dial
WELL ELMO
ASA

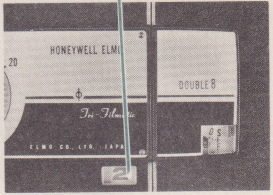
Complete ASA scale


A
25
20
10
400
320
250
100
50
40

Step 14


HONEYWELL ELMO
ASA
25
DOUBLE 8
Tri-Filmatic
ELMO CO., LTD. JAPAN
1
SHUTTER

Step 15


Film Format Indicator Window
HONEYWELL ELMO
DOUBLE 8
Tri-Filmatic
ELMO CO., LTD. JAPAN
2

9. Put the Honeywell Elmo spool back on the lower spindle.

10. Push the pressure lever back to its original position (toward the front of the magazine).

11. Close and lock the magazine cover.

12. Check the film instructions for the proper ASA rating and turn the ASA knob on the magazine until the correct ASA number appears in the window below the knob. The red circle with the "A" is used when you are shooting Type A Kodachrome II outdoors. Also, when shooting outdoors with Type A film, you must use an external #85 filter over the lens.

13. Insert the magazine in the rear of the Tri-Filmatic and push it in to lock.

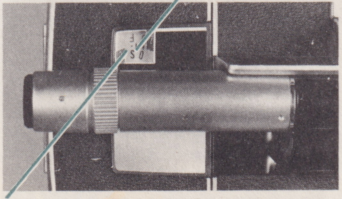
14. Push the "Shutter Open" lever all the way up!

15. Check the Film Indicating Window. There should be a big "1" there. If it says "2", take the magazine out, turn it upside down and put it back in the camera. Push the "Shutter Open" lever all the way up again.

16. Your camera is now loaded.

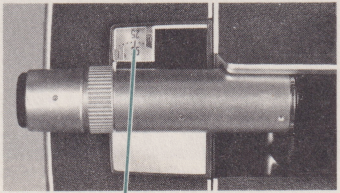
SHOOTING WITH REGULAR 8

Step 3 (1st 25′)

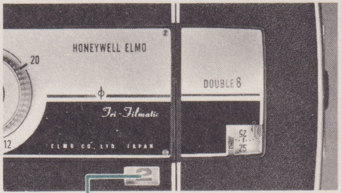

Use the black scale

Film counter of regular 8 magazine
(starting point of 1st half exposure)

Step 4


Finish of 1st half exposure

Step 5



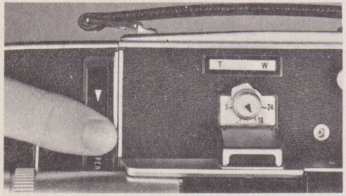
Film Format Indicator Window

1. When you insert the Regular 8 magazine in the Tri-Filmatic, the built-in #85 filter does **not** move in position. You must use the external Honeywell Elmo #85 filter over the lens if you are shooting Type A film outdoors.

2. Be sure the ASA knob on the magazine is at the right ASA mark for the film you are using.

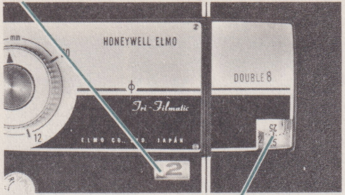
3. Start the camera and run the **black** footage counter numbers from S to O. You'll use the black numbers for the first 25 feet.

4. At the halfway point or after the first 25 feet have been shot, the camera motor will stop. That is your cue to reverse the magazine for the other 25 feet.

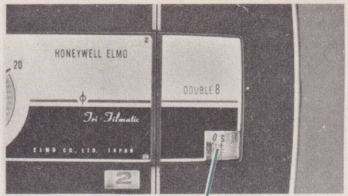


Step 6

2nd half exposure of regular 8 magazine


HONEYWELL ELMO
DOUBLE 8
Tri-Filmatic
ELMO CO., LTD. JAPAN
2
25

Step 7 2nd half exposure starts from 25 on the red scale


HONEYWELL ELMO
DOUBLE 8
Tri-Filmatic
ELMO CO., LTD. JAPAN
2
20

Finish of 2nd half exposure on the red scale

5. Remove the magazine, turn it upside down and insert it back into the camera. A big "2" should appear in the Film Format Indicator Window.

6. Push down the "Shutter Open" lever next to the viewfinder barrel.

7. Now use the red footage scale, which should indicate "25." This scale runs from 25 to 50 to F, at which point the camera motor will stop. This means that the last 25 feet is exposed and you should remove and unload the magazine.

8. The Regular 8 magazine has double exposure prevention. If you remove the magazine in the middle of side 1 or 2 and accidentally re-insert the magazine later on the wrong side, the camera will not run until the partially exposed side is back in place for filming.

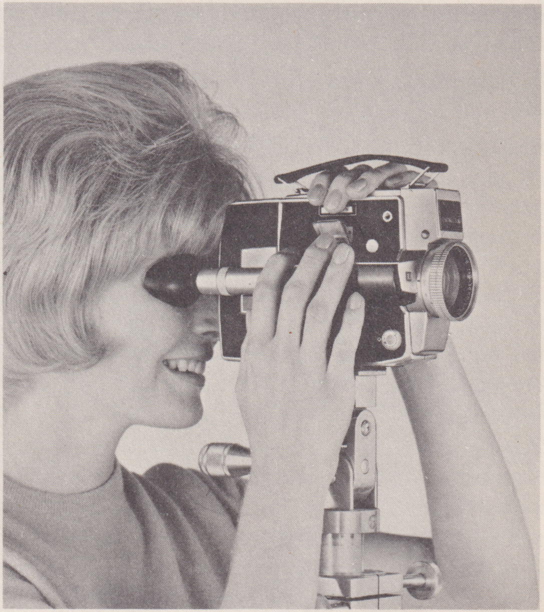
tips on making better motion pictures

1. Be sure your Filmatic is clean. Check the film gate in the rear of the camera body frequently. Many a good reel has been ruined because a hair or a piece of dirt was caught in the aperture during filming, causing a black line or spot on the projected image. Never use your mouth to blow air on the gate; use a lens brush and an ear syringe to dislodge and blow the dirt away.

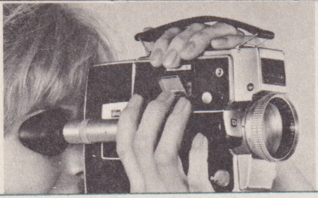
2. Use a tripod whenever possible. Planned camera movements during filming can be very effective in creating the proper mood. Camera movement (especially in telephoto shots) caused by hand-held unsteadiness can be quite annoying and distracting to your films.

3. If you must hand-hold the camera, hold it the way the photos indicate, with the right hand supporting the camera and operating the start button. The left hand is placed through the strap and operates the power zoom (T-W) button.

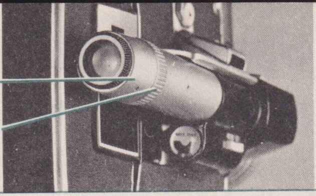
4. The eyepiece is adjustable to your visual acuity. Set the lens on infinity, loosen the eyepiece ad-



Steps 3 and 5



Step 4



justment ring and rotate the eyepiece until the scene is in focus. Then tighten adjustment ring.

5. Use the rubber eyecup. It is easier on your viewing eye because it keeps out extraneous light.

6. About panning. Professional motion picture people use a pan primarily to move from one point of interest to another. A pan is also a bridge from one scene to another. If you are planning a pan movement, practice a couple of times first. Shoot at 24 fps, keep the pan short, **always** use a tripod and cushion the end of the pan so that the camera comes to a very slow stop. Then hold the end of the pan for about a foot of film. You'll be amazed at the effects you achieve.

7. About zooming. Your Filmatic can zoom from 9 to 36mm and vice versa in about 5 seconds. The advantage of your electric powered zoom is smoothness and a cushion stop. A good zoom maintains an even speed through the entire zoom, until at the end it comes to a slow stop and then is held until a foot of film runs through the cam-

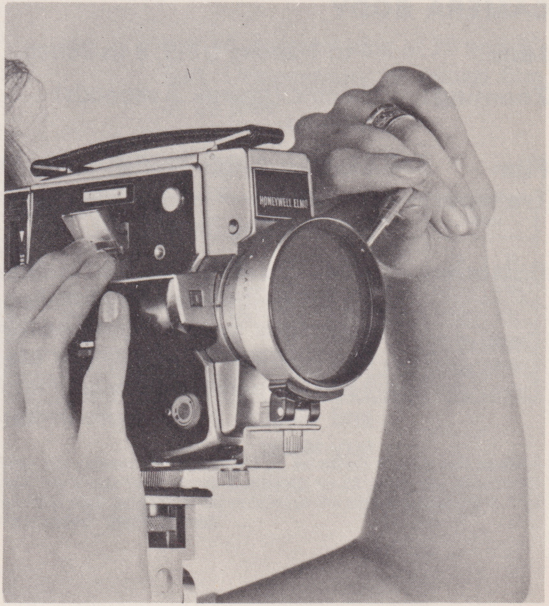
Steps 3 and 5

era. The best zoom effects are created on a tripod, to eliminate extra camera movement during the zoom.

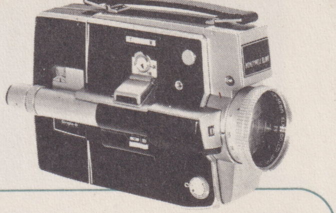
Be careful about zooming. Keep your zoom action during filming down to a minimum. Set up your close-ups, medium and long shots by moving the zoom lens between actual shots.

8. You can create fade-outs and fade-ins with your Filmatic and the accessory Fader attachment on page 28. If you use Regular or Single 8, you can also make lap dissolves in which one scene fades out while the next scene is fading in right on top of the first. To make a lap dissolve, mark the exact position of the footage scale and do a 3 second fade-out. Now turn the F-R knob (page 14) to reverse the camera motor. Keep the lens covered and run footage counter back to the original mark before the first fade-out. Now do a 3 second fade-in and continue filming the scene.

9. If you take your Filmatic on a trip, shoot plenty of film. It's the least expensive part of your trip.

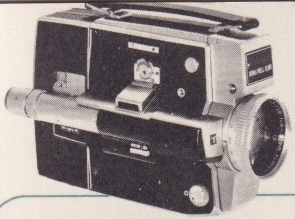


technical data



CAMERA BODY

Lens:	4 to 1 zoom, f/1.8, 9 to 36mm
Zooming:	Electric (approx. 5 seconds) Manual
Film Transport:	Electric, Single Frame, Lock, 18 fps, 24 fps. Reverse filming with Single 8 and Regular 8.
Batteries:	One 3.9V mercury cell (Mallory PX-25 or Toshiba 3.9v) for exposure meter system. Four AA alkaline (Eveready E91, Mallory Mn-1500) batteries for camera motor and electric zoom. Built-in battery tester.
Exposure:	Automatic CdS "Through-the-Lens" System. Manual control also possible. Exposure system has f/stop indicator in reflex viewfinder.
Viewfinder:	Single-lens reflex system. Split-image focusing adjustment, 4 feet to infinity. Adjustable eyepiece.
Filter:	Built-in #85 filter is activated with insertion of Super 8 film cartridge.



MAGAZINES

Super 8: Super 8 film cartridge loading. ASA range from 16 to 100 (automatic adjustment to proper ASA when cartridge is loaded). Film counter runs to 50′ – automatic return. Activates built-in #85 filter.

Single 8: Single 8 film cartridge loading. ASA range from 16 to 100 (automatic adjustment to proper ASA when cartridge is loaded). Film counter runs to 50′ – automatic return.

Regular 8: Often called "Double" 8. Regular 8 film spool loading. ASA range 10 to 400. Film counter runs to a total of 50 feet with automatic return. Automatic stop at 25 and 50 feet. Unnecessary to reload film at 25 feet.

DEPTH OF FIELD TABLE

Focal Length (mm)			9mm		12mm		20mm		36mm	
Distance (Feet) f/			1.8	11	1.8	11	1.8	11	1.8	11
Subject to camera distance (feet)	∞	Near	7′5⅜″	1′3⅜″	13′2¼″	2′2¾″	36′9¾″	6′1¼″	118′1½″	19′5⅝″
	16′4⅞″	Near	5′1 13/16″	1′2⅛″	7′4 3/16″	1′11⅝″	11′4⅝″	4′5 15/16″	14′5⅞″	9′⅝″
		Far	∞	∞	∞	∞	29′6″	∞	18′11 5/16″	99′1⅛″
	3′11¼″	Near	2′7⅛″	11 13/16″	3′⅝″	1′5 5/16″	3′6⅞″	2′5½″	3′10 1/16″	3′4⅛″
		Far	8′2⅞″	∞	5′6½″	∞	4′4¾″	10′7 9/16″	4′ 13/16″	4′9⅞″

″ = English

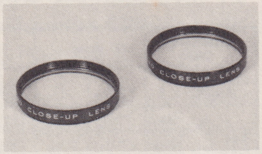
*When the camera lens is focused on an object, there is one position where the image is sharpest. Centering on its point, the acceptable sharpness zone extends as far in front of the object as behind it. This zone is called "depth of field."

accessories

HONEYWELL ELMO FILTERS – UV filter (SL39) can be used with or without lens hood and with either color or black and white film. It absorbs ultraviolet rays and helps to reduce haze in distant scenes. It also serves to protect the lens from dirt, dust and water.

NDx4 (medium gray) can be used with or without lens hood and with either color or black and white film. Cuts glare in scenes with extremely high light levels (snow, beaches, etc.). The NDx4 filter is recommended when the f/stop indicator in the Filmatic viewfinder goes off the bottom of the scale.

52mm SL39 3C X1.1
52mm ND X4.0



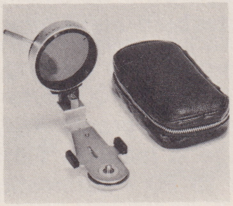
HONEYWELL ELMO CLOSE-UP LENSES – Close-up lenses are convenient for making titles and photographing small details. Zooming is possible with close-up lenses. Close-up lenses are screw-in type (52mm). Lens hood can be used with both lenses.

Close-Up Lens No. 1. Maximum focusing distance is 5.9 feet from subject to film plane Ø mark on left side of Filmatic. Minimum distance is 2.35 feet.

Close-Up Lens No. 2. Maximum focusing distance is 2.6 feet from subject to film plane Ø mark on left side of Filmatic. Minimum distance is 1.77 feet.

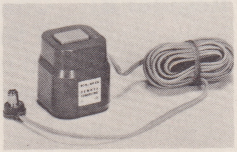
HONEYWELL ELMO LENS HOOD – This 52mm screw-in type lens hood blocks random side, back or reflected light and helps to maintain proper exposure.

ELMO LENS HOOD



HONEYWELL ELMO FADER – The fader is used for ultra-smooth fade-outs and fade-ins and, with Single 8 film, impressive lap dissolves. The accessory consists of two Polaroid plates which are rotated by a manual lever. The fader is supplied in its own handsome case and assembled and mounted on the camera in a minute. The fader lenses can be flipped down when not in use. Instructions are included.

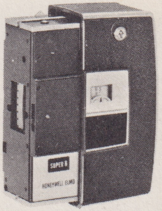
HONEYWELL ELMO REMOTE CONNECTOR – For operating the Filmatic up to 5 yards away. Ideal for getting yourself in the picture. Also very useful for remote filming of wildlife. Complete instructions included.



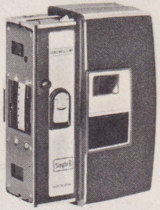
HONEYWELL ELMO INTERCHANGEABLE FILM MAGAZINES—The Super 8 magazine is compatible with either the Dual-Filmatic or Tri-Filmatic. The smartly styled exterior matches the camera body perfectly. It accepts all Super 8 film cartridges and loads in a split second. The magazine is easily removable and has a built-in footage counter and film format indicator window.

The Single 8 magazine is also compatible with either the Dual-Filmatic or Tri-Filmatic. It is styled to match camera body. It accepts all Fuji film cartridges and loads in seconds. It's easily removable and has a built-in footage counter and film format indicator window.

The Regular 8 (Double 8) magazine fits the Tri-Filmatic only. It accepts 25 foot spools of Regular 8mm film. It features simplified film loading and threading. No need to re-thread after the first 25 feet. Merely remove and reverse the magazine in the camera body to shoot the second 25 feet. The safety shutter prevents accidental film exposure when the magazine is removed. A knob on the side of the magazine controls ASA settings from 10 to 400. With built-in footage counter and film format indicator window.

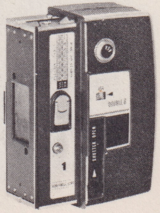


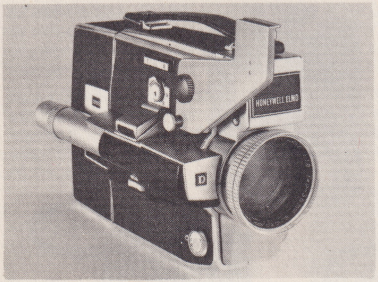
For Super-8



For Single-8

For Regular-8




HONEYWELL ELMO
D

HONEYWELL ELMO MOVIE LIGHT BRACKET fits in accessory socket on right side of camera. Pin automatically removes built-in filter for Super 8 use indoors. Bracket accepts all movie lights with Kodak style mounting bracket.

HONEYWELL ELMO
HONEYWELL ELMO

HONEYWELL ELMO FILMATIC CARRYING CASES – Soft leather case in black genuine leather for either the Dual- or Tri-Filmatic plus extra magazines, filters and other accessories.

how to use the Movie Light Accessory Bracket on your Dual- or Tri-Filmatic camera

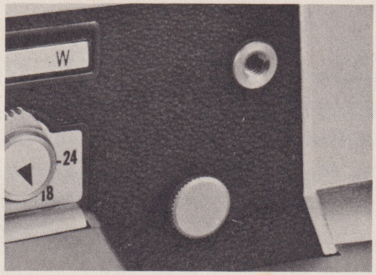
The Honeywell Elmo Movie Light Bracket is included with each Dual- and Tri-Filmatic Camera. The bracket is designed for easy mounting and removal and will accept any movie light that has a Kodak style mounting bracket. Your Honeywell dealer will be glad to show you a selection of movie lights which will fit this bracket.

HOW TO MOUNT THIS BRACKET

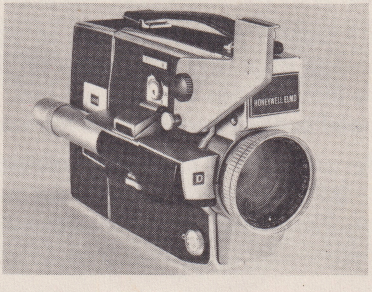
Step 1 shows the location of the bracket mounting holes on the Dual- and Tri-Filmatic. To mount the bracket, remove the accessory screw in the camera and put it into the threaded hole on the bracket. You will reinstall this screw in the camera when you remove the bracket. Now, position the movie bracket over the two holes in the camera body as shown in Step 2.

Turn the black knob on the bracket clockwise into the upper bracket mounting hole. As you turn the black knob, push the accessory screw into the other (lower) bracket mounting hole. When properly mounted, the bracket is flat against the camera body.

Important – Installation of the movie light bracket automatically moves the built-in #85 filter from behind the lens. If you are using daylight type film with a movie light you should use a Honeywell Elmo 80B filter over the lens.



Step 1



Step 2

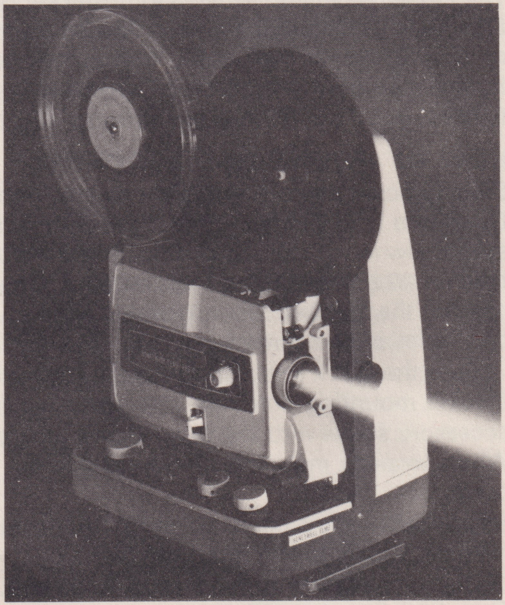
to complete your Filmatic system

The Honeywell Elmo Dual 8 FP8-C projector is an ideal companion to your Dual- or Tri-Filmatic. It's designed and built for years of motion picture pleasure by the same expert craftsmen who created your Filmatic.

The Dual 8, like your Filmatic is actually two **and** three projectors in one. By shifting the "push button" sprockets, you can make your Super 8, Single 8 **and** Regular 8 films come alive on the screen. No extra parts to add or remove when you change film formats. Just shift the sprockets.

The Dual 8 is as automatic as your Filmatic, too. It threads itself and then turns on its own lamp when the film reaches the take-up reel. It also has variable speed control from 8 to 24 frames per second.

The projector is supplied with either the razor sharp f/1.3 25mm standard lens or the superb f/1.3 to 32mm zoom lens. See it at your Honeywell Elmo dealer today.



warranty policy

All Honeywell Elmo Cameras sold in the United States and its possessions are unconditionally guaranteed against defects in material or workmanship for a period of one year after date of delivery to the original retail purchaser. Service will be rendered and defective parts will be replaced without cost to you within the one year time period, provided the camera has not been abused, altered, or operated contrary to instructions. Honeywell shall not be liable for any repairs except those made at authorized Honeywell repair centers or alterations except those made with its written consent, and shall not be liable for damages from delay or loss of use or for other indirect or consequential damages of any kind, whether caused by defective material or workmanship or otherwise; and it is expressly agreed that Honeywell's liability under all guarantees or warranties, whether expressed or implied, is strictly limited to the correction of defects in material or workmanship as hereinbefore provided. To enable us to properly serve you, the purchase registration card should be filled in COMPLETELY and mailed to Honeywell within five days of purchase. Any camera which proves defective during the one year warranty period should be returned to your Honeywell Photographic Dealer with particulars regarding malfunction and date and place of purchase (including evidence of date and place of purchase if requested by Honeywell). The dealer will forward the camera with particulars to Honeywell. PLEASE DO NOT SEND YOUR CAMERA DIRECTLY TO HONEYWELL, as your Honeywell Photographic Dealer will select the authorized Honeywell repair center which will give you the fastest service.

All models, prices and specifications are subject to change without notice.

29.95

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6-70-084 Printed in Japan Part No. 16764175